PHANTOM TRANSPOSITIONS - UNIVERSAL PLATE TYPE.

1. GENERAL.

1.1 A new type of phantom transposition plate has been designed, similar in construction to those previously used but with the shape of the brackets varied to permit transpositions of all types being made on the one plate compared with the four plates originally required, as described in E.I. LINES, Aerial TN 3210.

1.2 The standard description of the new type is Plate Transposition P.N., in accordance with Drawing CL.411, and will be issued under Serial 411, Item 25. Future purchases will be restricted to the Universal type of plate, but, in the interim, use should be made of available stocks of earlier types.

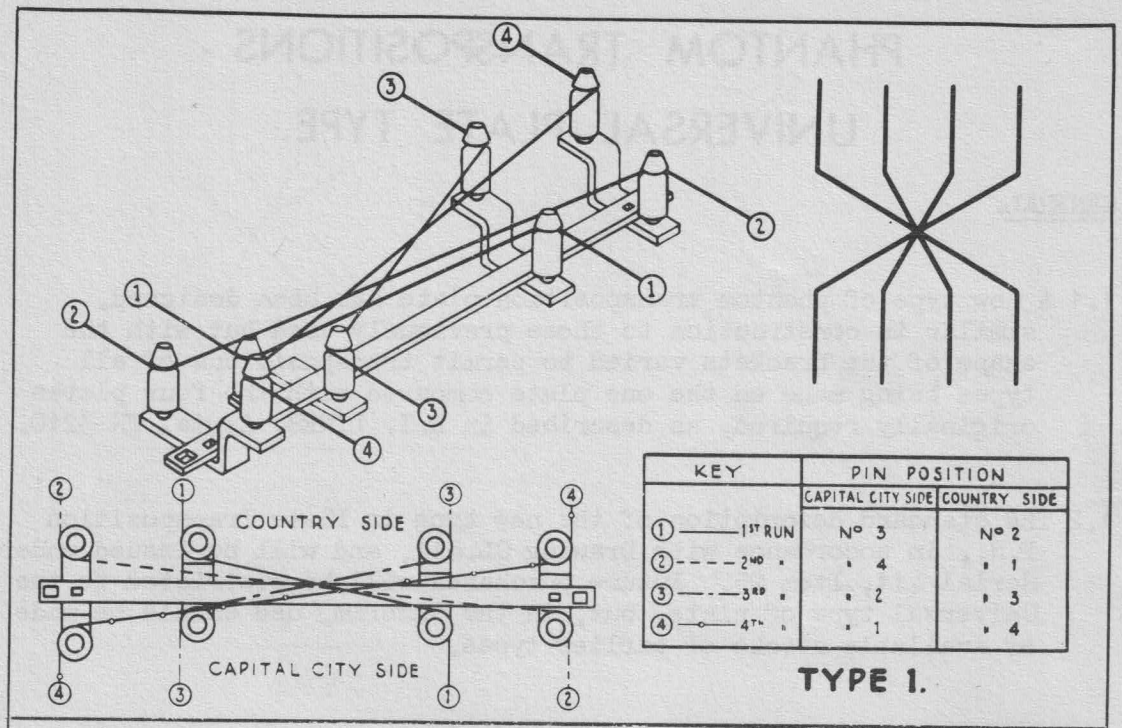
1.3 Aerial TN 3210 describes the application of phantom transpositions, and, in general, this will apply to the Universal type.

2. FITTING OF PLATE.

2.1 It is most important that the stamped letter "C" on the top of the plate should be on the same side of the crossarm as the combiner, to ensure adequate clearance between the wires and combiner for all types of transpositions.

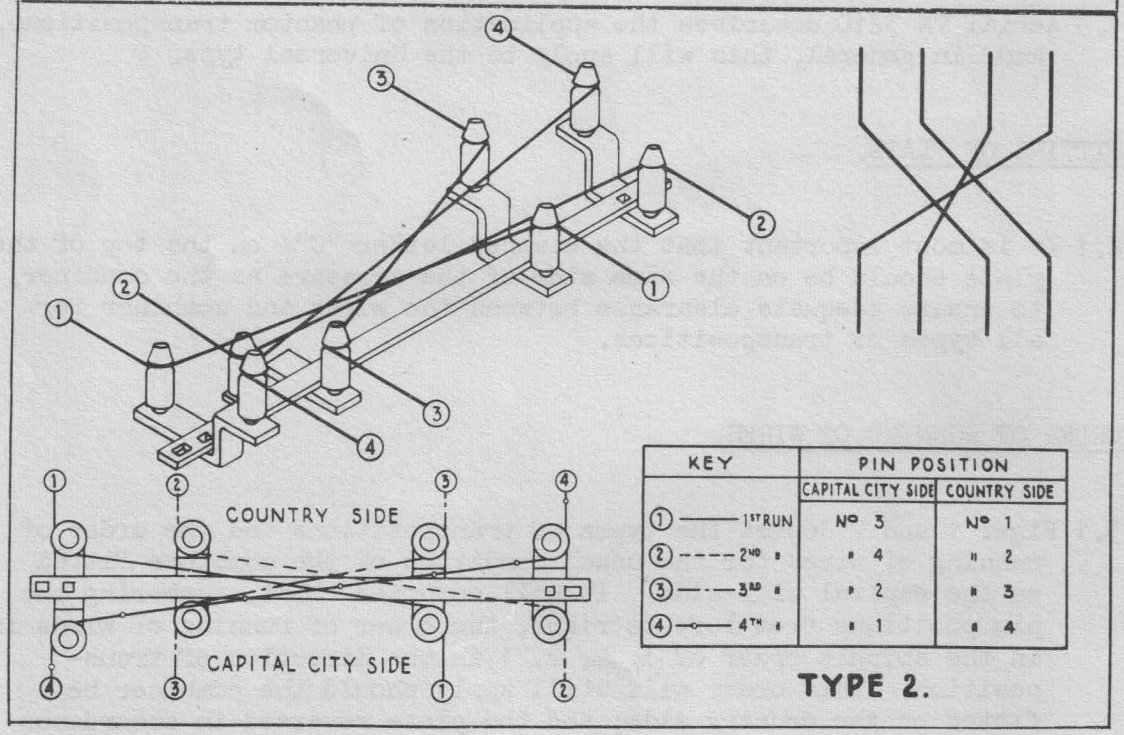
3. ORDER OF RUNNING OF WIRES.

3.1 Figs. 1 and 2 depict the types of transpositions and the order of running of wires for the usual condition of the combiner fitted on the capital city side. It will be noted that, numbering the pin positions from left to right, the order of running of wires is in the spindle order of 3, 4, 2, 1 in the direction of transposition. This order will still apply should the combiner be fitted on the country side, and the plate reversed in accordance with paragraph 2.1.



KEY	PIN POSITION	
	CAPITAL CITY SIDE	COUNTRY SIDE
① —— 1ST RUN	No 3	No 2
② - - - - 2ND "	" 4	" 1
③ —·— 3RD "	" 2	" 3
④ —o— 4TH "	" 1	" 4

TYPE 1.

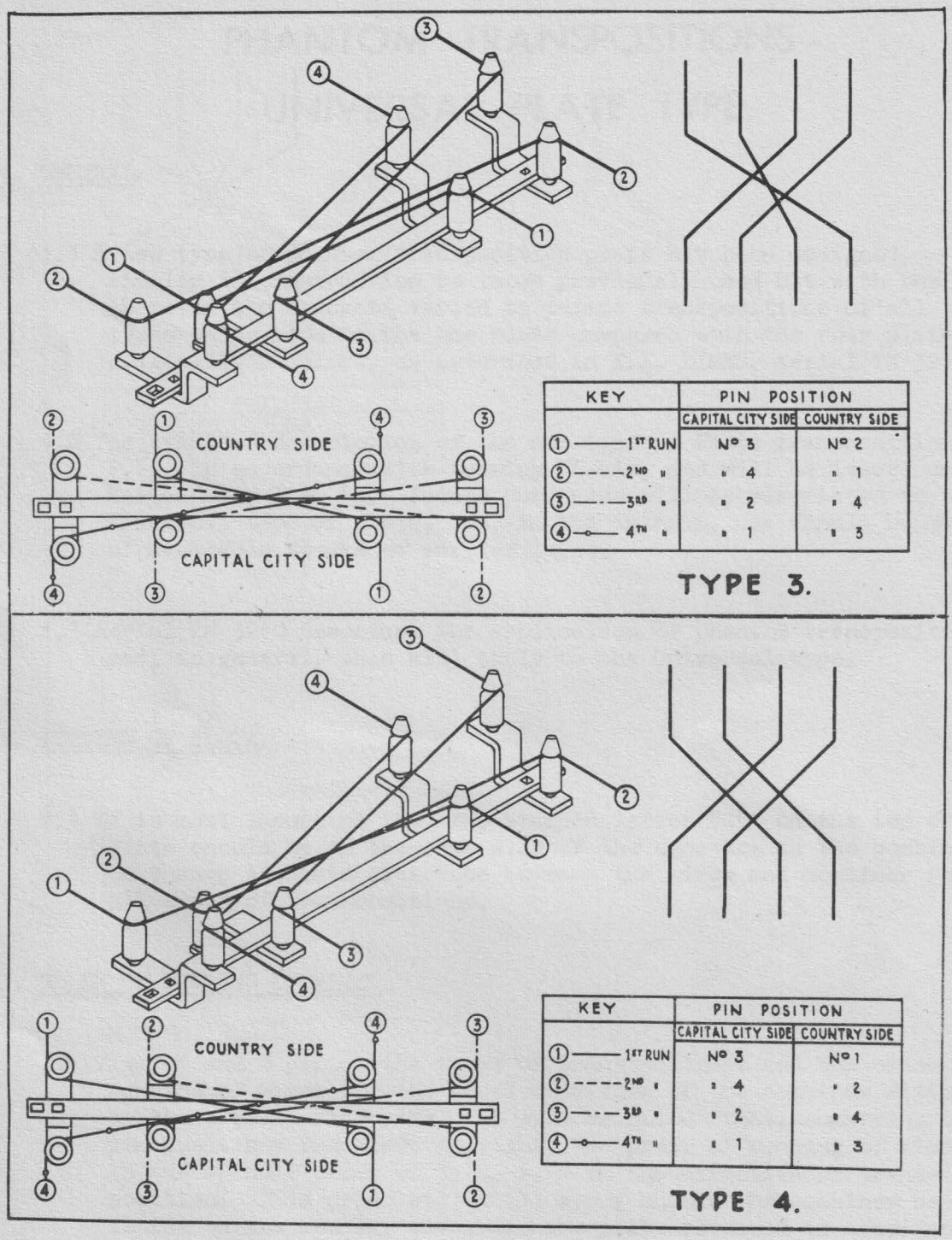


KEY	PIN POSITION	
	CAPITAL CITY SIDE	COUNTRY SIDE
① —— 1ST RUN	No 3	No 1
② - - - - 2ND "	" 4	" 2
③ —·— 3RD "	" 2	" 3
④ —o— 4TH "	" 1	" 4

TYPE 2.

PHANTOM TRANSPOSITION PLATE, TECHNICAL INSTRUCTIONS.

FIG. 1.



PHANTOM TRANSPOSITION PLATE, TECHNICAL INSTRUCTIONS.
FIG. 2.

END.